

NOTICE: This application form is authorized by section 283.37, Wis. Stats., and Chapters NR 151 and 216, Wis. Adm. Code. Personally identifiable information on this form may be used for other program purposes and may be made available to requestors under Wisconsin's Public Records laws and be posted on the Department's internet site.

Instructions: Complete the following for all permit applications. If additional space is needed to respond to a question, attach additional pages. Provide descriptions below that explain the program activities that you expect to develop and implement to comply with the Municipal Separate Storm Sewer System (MS4) general permit (<http://dnr.wi.gov/org/water/wm/nps/stormwater/muni.htm>). Section 3 of the MS4 general permit contains the compliance schedules that direct when the individual program activities need to be developed and submitted to the Department for review. The detailed programs that are developed and submitted to the Department for review may deviate from the program activities described below if necessary. The descriptions provided below are necessary for the Department to verify that the municipality's program activities comply with the permit.

Section I: Applicant Information

Name of Municipality

Fond du Lac

Mailing Address

PO Box 150 160 S. Macy St.

City

Fond du Lac

State

WI

Postal Code

54936-0150

County(s) in which Applicant is located

Fond du Lac

Type of Municipality: (check one)

☐ County ☒ City ☐ Village ☐ Town ☐ Other (specify)

Section II: Local Contact Information (check one):

Name of Municipal Contact Person

Nick Waldschmidt

Title

Civil Engineer I

Mailing Address

PO Box 150

City

Fond du Lac

State

WI

Postal Code

54936-0150

E-mail address

nwaldschmidt@ci.fond-du-lac.wi.us

Telephone Number (include area code)

(920) 322-3482

Fax Number (include area code)

(920) 322-3471

Section III: Water Quality Concerns

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Does any part of the MS4 discharge to an outstanding resource water (ORW) or exceptional resource water (ERW) listed under s. NR 102.10 or 102.11, Wis. Adm. Code? (An unofficial list of ORWs and ERWs may be found on the Department's Internet site at: http://dnr.wi.gov/org/water/wm/wqs/)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does any part of the MS4 discharge to an impaired waterbody listed in accordance with section 303(d)(1) of the federal Clean Water Act, 33 USC § 1313(d)(1)(C)? (A list of Wisconsin impaired waterbodies may be found on the Department's Internet site at: http://dnr.wi.gov/org/water/wm/wqs/303d/303d.html)

Section IV: Area and Population Within the MS4

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is the MS4 within an "Urbanized Area" as defined by U.S. EPA? (See http://www.epa.gov/npdes/pubs/fact2-2.pdf)

If no, skip the rest of this section and continue to Section V. If yes, estimate the area served by and the population within the MS4 in an Urbanized Area (UA).

(Urbanized Area maps are available on the EPA web site at: <http://cfpub1.epa.gov/npdes/stormwater/urbanmaps.cfm>)

Total municipal area (in square miles):

20.02 (in year 2006)

Total municipal population (in year 2000):

42203

MS4 service area within Urbanized Area (in square miles):

13.0

Municipal population within Urbanized Area (in year 2000):

41000

Section V: Potential Permit Exemption

Yes	No	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Section NR 216.023, Wis. Adm. Code, allows certain MS4s that have less than 1000 people residing in an urbanized area to be waived from having to obtain municipal storm water permit coverage.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Do you believe that the MS4 may be eligible for this potential exemption?

Section VI: Summary of Municipal Storm Water Program Activities

Describe the programs or activities the municipality is doing or will do to comply with the requirements of the MS4 general permit. Attach additional pages if necessary.

A. Public Education and Outreach

Describe the public education and outreach program activities that the municipality will implement to comply with section 2.1 of the MS4 general permit.

The City maintains a site for residents to drop off grass clippings, leaves and garden waste year round. The City also maintains a drop off site for oil-based paints, motor oil, antifreeze and other chemicals that may cause water quality problems if disposed of improperly.

The City maintains a website, www.ci.fond-du-lac.wi.us, containing information on the grass clipping and the oil disposal sites. The website includes information on erosion control, storm water management, and grading plan requirements, which are available for download.

The City Department of Public Works has an email notification system for city residents informing citizens about refuse, brush or leaf collection changes, repairs to systems affecting their home and other public works projects.

The City has adopted a 2005-2009 Recreation Plan, which sets goals and policies for the city's park system. The Recreation Plan seeks to conserve, protect and beautify natural resources in the city and surrounding environs. The plan has established objectives to achieve this goal including: preserving and maintaining drainage ways and other natural resource areas in and around the city, promoting and endorsing efforts to improve the water quality and navigability of Lake Winnebago and the Fond du Lac River system and encouraging efforts directed at improving both the visual and physical characteristics of shoreline areas through sound environmental and engineering practices.

The City established a Comprehensive Plan in 1995. The policies established in the plan for river use are to encourage more benign and compatible land use along the banks of the Fond du Lac River and to generally increase the public's awareness, use and appreciation of the stream. This is accomplished through zoning provisions and during review of requests for building permits, site plans, special use permits and subdivisions. The Comprehensive Plan seeks to clean up the riverbanks and improve the retaining walls in the city's commercial and industrial areas.

The City currently requires that a registered engineer, land surveyor or architect design erosion control practices and storm water management facilities. The developer must submit as-built plans signed by a registered engineer, land surveyor or architect, verifying that the storm water management facilities have been constructed as approved. The City conducts on site inspections of the erosion control practices and storm water management facilities. The contractor is informed of any deficiencies in the installation and maintenance of the practices and is required to make the appropriate modifications.

The City currently promotes some environmentally sensitive land development designs. City subdivision design standards require additional depth or width, as necessary, for lots abutting a watercourse, drainage way, channel or stream. Subdivision design must take into account all natural features such as tree growth, watercourses and historic spots. Developers are encouraged to follow existing natural site topography when submitting site plans for new development or redevelopment. The City evaluates the discharge of storm water from subdivisions and other development and redevelopment to minimize adverse effects on neighboring properties and receiving waters. Sites must not cause stream or channel erosion and scour, contribute to flooding, or otherwise create problems down slope. The City has waived the requirement of curb and gutter and instead allowed drainage swales in some residential subdivisions and in industrial areas. The City requires the planting of one tree for every 75' of lot frontage on all streets to intercept rainfall, promote infiltration and reduce runoff.

The City of Fond du Lac is a member of the Northeast Wisconsin Stormwater Consortium (NEWSC). NEWSC has a mission to facilitate efficient implementation of storm water programs locally and regionally that will meet DNR and EPA regulatory requirements and maximize the benefit of storm water activities in the watershed by: fostering partnerships, sharing information, seeking administrative efficiencies, and pooling financial resources.

As a NEWSC member Fond du Lac participated in the sponsorship of a Community-Based Social Marketing (CBSM) Workshop, the implementation of a phone survey to over 400 area residents, promotion of storm water related public service announcements and an episode of an "It's Your Environment" television program.

NEWSC implemented a phone survey of residents in the Brown, Calumet, Fond du Lac, Outagamie, and Winnebago counties. The purpose for the survey was three-fold. The first purpose was to evaluate the current storm water awareness level of area residents, including their knowledge of where storm water goes and what contributes to storm water pollution. The second purpose was to gather data about individual behaviors affecting storm water by identifying the barriers, benefits, or motivations that affects these behaviors. Finally, information from the survey was intended to assist the NEWSC Information & Education Committee in selecting target markets and providing focus for educational goals, tools, and practices. The phone survey was conducted by St. Norbert College from October 18 – November 7, 2005 and reached 404 area residents.

NEWSC promoted storm water education to the public through the Fox Cities Viewpoint Public Service Announcements. These were aired on WHBY television station and reached a listening audience that included Fond du Lac. The viewpoints were promoted from June – November 2005 and included storm water tips on the following topics: lawn mowing, car washing, lawn pesticides, lawn fertilizers, and leaves.

NEWSC orchestrated an episode of the “It’s Your Environment” TV program to have a storm water focus. The episode was broken into three segments with a focus on state-level regulations, education, and local participation. It aired on Channel UPN 32, Saturday, December 17, 2005.

NEWSC has developed topic packets (including Public Service Announcement wording, tip sheet and UW Extension educational handout link) for the following topics: car care, lawn mowing and watering, weeds and pesticides, lawn and garden fertilizer, leaves, and pet waste. NEWSC has also developed a Non-Point Education for Municipal Officials (NEMO) presentation and an erosion control training package for one & two family dwelling construction.

The City has contracted with a consulting engineering firm to develop a municipal storm water management plan. The plan provides a list of recommended storm water management practices necessary to achieve a 20% and 40% reduction in total suspended solids. The recommendations of the plan will be presented to the Fond du Lac City Council and broadcast on local access cable television.

The City will use the NEWSC Information & Education plan as a model for suggestions on strategies to meet local educational goals, for guidance on how to develop the local Information & Education plan, and for insight on how to work with NEWSC to achieve local goals. The City will be able to use presentations and other educational materials developed and compiled by NEWSC to raise public awareness of storm water pollution, regulations and desired personal behaviors.

The City intends to create a public education and outreach program that will meet the requirements of section 2.1 of the DNR general permit to discharge under the Wisconsin Pollutant Discharge Elimination System. The goals of the public education and outreach program will include that the proposed public education and outreach program will be submitted to the DNR within 18 months of the start date of permit coverage. The city will continue membership and participation in NEWSC.

B. Public Involvement and Participation

Describe the public involvement and participation program activities that the municipality will promote to comply with section 2.2 of the MS4 general permit.

The City has formed a Storm Water Utility Citizen Advisory Committee to discuss funding mechanisms needed to implement the requirements of this permit.

The City will make the results and recommendations of the citywide storm water management plan developed by Earth Tech available to the City Council, local media, interest groups and the public for review and comment. The annual report will also be available for review and comment. The comments received will be used to help evaluate the effectiveness and direction of the programs implemented under this permit.

The City Council must approve all ordinances relating to Illicit Discharge Detection and Elimination, Construction Site Erosion Control and Post-Construction Storm Water Management. The City Council must also approve and provide funding for the citywide storm water management plan. The public will be able to provide input and participation through the City Council. The City will comply with all public notice requirements during implementation of the public involvement and participation plan.

The City is currently implementing a web-based system, Request Partner, to help city employees route questions and concerns by the public to the correct municipal departments. When Request Partner is fully operational the public will be able to access it from the city's website and submit concerns to the appropriate personnel. The appropriate staff will receive and consider information on erosion control, illicit discharges and other storm water issues.

The City intends to create a public involvement and participation program that will meet the requirements of section 2.2 of the DNR general permit to discharge under the Wisconsin Pollutant Discharge Elimination System. The goals of the public involvement and participation program will include that the proposed public involvement and participation program plan will be submitted to the DNR within 18 months of the start date of permit coverage. The city will continue membership and participation in NEWSC.

C. Illicit Discharge Detection & Elimination

Describe the illicit discharge detection and elimination program authority and activities that the municipality will develop and implement to comply with section 2.3 of the MS4 general permit.

The City does not conduct field screenings of outfalls. The City does have an existing clear water elimination program aimed at ensuring that storm water is not discharged into the sanitary sewer system. The clear water inspectors enter houses and search for illegal cross-connections. The focus of this program is residential areas, but also includes commercial and industrial properties. When illegal connections are found, the owner receives a 30-day

notice to correct the problem. The city inspectors recheck the property to verify compliance and have the ability to write a citation. Illicit discharges into the storm sewer are also detected and fixed during inspections.

The City operates a sewer-televising program to evaluate the condition of city sanitary sewers and estimate the quantity of inflow and infiltration. The condition of the sanitary sewer is a major factor when determining capital improvement planning.

The City has up to date GIS mapping of city infrastructure including storm and sanitary sewers. The mapping includes parcel data and will assist with illicit discharge detection.

The City has an existing plan to respond to spills. The Public Works Dept. responds to most spills. The Fire Dept. responds to large spills and spills of hazardous materials. NEWSC is developing a spill notification procedure flowchart. The spill notification procedure will include the names and contact numbers of those involved in spill response.

The City is working with NEWSC to develop a model illicit discharge ordinance. This ordinance will provide the necessary regulatory authority to detect and remove illicit connections and discharges to the MS4.

The City intends to create an illicit discharge detection and elimination program that will meet the requirements of section 2.3 of the DNR general permit to discharge under the Wisconsin Pollutant Discharge Elimination System. The goals of the illicit discharge detection program will be to submit the proposed illicit discharge detection and elimination ordinance and the illicit discharge response procedures to the DNR within 18 months of the start date of permit coverage. The initial field screening will be completed within 36 months of permit coverage. The on-going field-screening program will be submitted to the DNR with 36 months of permit coverage.

D. Construction Site Pollution Control

Describe the construction site pollutant control program authority and activities that the municipality will develop and implement to comply with section 2.4 of the MS4 general permit.

The City has developed, implemented and enforces a program to reduce the discharge of sediment from construction sites. All land-disturbing activities of 2000 square feet or greater and any excavation and/or fill exceeding 400 cubic yards requires an erosion control plan. Erosion control plans for one and two family buildings are approved and enforced by the Building Inspection office as part of drainage plan approval. All other sites including subdivisions, multi-family residential, commercial, industrial and institutional require plan approval by City Engineering. The requirements for erosion control plans can be found on the city's website.

Plans requiring engineering review are subject to the site plan review process. The developer must submit an erosion control plan that meets the guidance set forth in the approved DNR technical standards and in the Wisconsin Construction Site Best Management Practices Handbook, with the technical standards taking precedence over the Best Management Practices Handbook. The developer is required to submit a copy of individual NOI and WPDES permits to City Engineering for any development and redevelopment sites regulated by the DNR or Commerce.

The City erosion control permit requires an inspection of erosion control measures by engineering staff prior to the start of land disturbing activities. Engineering staff conduct further inspections of erosion control measures periodically until final site stabilization takes place. If erosion control measures are not installed per plan, a letter is sent to the erosion control applicant identifying any deficiencies. The applicant must install any erosion control measures identified and then notify City Engineering to verify that the deficiencies have been corrected. Engineering staff conduct a follow-up inspection. If necessary, Public Works staff can install erosion control measures and invoice the applicant.

The City is working with NEWSC to develop a model erosion control ordinance meeting NR151 requirements. The City will continue to enforce the existing ordinance until the new ordinance is approved.

The City intends to create a construction site pollutant control program that will meet the requirements of section 2.4 of the DNR general permit to discharge under the Wisconsin Pollutant Discharge Elimination System. The goal of the construction site pollutant program will be to continue all necessary inspections and to ensure deficiencies are corrected in a timely manner. The proposed construction site pollutant control ordinance will be submitted to the DNR within 18 months of the start date of permit coverage. Proposed construction site inspection and enforcement procedures will be submitted to the DNR within 18 months of the start date of permit coverage.

E. Post-Construction Site Storm Water Management

Describe the post-construction storm water management program authority and activities that the municipality will develop and implement to comply with section 2.5 of the MS4 general permit.

The City currently has a storm water management program in place for new development and redevelopment. Storm water management is required for residential development requiring a subdivision plat or certified survey map, multi-family residential development not requiring a subdivision plat or certified survey map and non-residential development. The requirements for storm water management plans can be found on the city's website and in the City of Fond du Lac Subdivision Ordinance.

The City storm water management program currently regulates peak discharges from sites. The peak post-development discharge must not exceed the peak pre-development discharge for the 2-year, 24-hour storm and the 100-year, 24-hour storm. The peak post-development discharge also must not exceed the pre-development discharge for either the 5-year, 24-hour storm or the 10-year, 24-hour storm. The selection of the 5-year, 24-hour storm or the 10-year, 24-hour storm is based on the design capacity of the receiving conveyance system. The City currently does not require reduction of total suspended solids from discharges unless the site is over an acre and therefore subject to DNR regulations. The City does not have infiltration requirements since the city does not have soils conducive to infiltration. Storm water best management practices are required to follow the DNR technical standards.

The City has the authority to perform any work necessary to bring the site into conformance with the approved storm water management plan. The City requires as-built plans certifying that the required storm water management plans have been completed as approved. The City storm water management application requires the property owner to be responsible for the maintenance of all on-site storm water management facilities, but does not require a maintenance plan.

The City is working with NEWSC to develop a model post-construction storm water management ordinance. The City will continue to enforce the existing ordinance until the new ordinance is approved.

The City intends to create a post-construction storm water management program that will meet the requirements of section 2.5 of the DNR general permit to discharge under the Wisconsin Pollutant Discharge Elimination System. A goal of the post-construction storm water management program includes submittal of the proposed post-construction storm water management ordinance and long-term maintenance procedures to the DNR within 18 months of the start date of permit coverage.

F. Pollution Prevention

Describe the pollution prevention program activities that the municipality will implement to comply with section 2.6 of the MS4 general permit.

The City does not currently conduct routine inspection and maintenance of municipally owned and operated structural storm water management facilities unless a problem arises.

The City currently owns and operates two street sweepers. All city streets are swept monthly during non-winter months. In addition, the downtown areas are generally swept more frequently. The City has looked into replacing one of its existing sweepers with a vacuum sweeper but has not made the purchase due to uncertainty in how effective street sweeping is in reducing pollution. As soon as reliable studies on the pollution removal efficiency become available and the DNR assigns pollution removal credit for street sweeping, the City will reconsider purchasing a new street sweeper and consider revising the street sweeping schedule.

The City storm sewer system has a limited number of catch basins containing sumps. Although city maintenance crews have the equipment and are properly trained to clean them, it is infrequently done. Due to the ineffective level of pollutant removal with sumps, the City does not require their installation at this time.

The City currently has twenty storm water lift stations. Each lift station contains a sump used to trap pollutants in a manner similar to catch basins sumps. The sumps are cleaned in the winter as time permits, with a considerable quantity of sediment removed during each cleaning. The City has developed efficient removal procedures and established appropriate maintenance schedules based on previous experiences. The waste from lift station cleaning, catch basin cleaning and street sweeping is disposed of at a city owned and operated dumpsite.

The City applies salt sprayed with magnesium chloride during snowfall events. The truck drivers are trained annually. The application of salt is speed-calibrated with an absolute maximum application amount of 300 lbs/lane-mile. The amount applied is generally less than 300 lbs/lane-mile and is adjusted to the conditions of each storm event. The salt is typically stored in a covered shed, but during winter months some salt is stored under a lean-to. The DOT conducts yearly inspections of the city's salting operations.

The City currently maintains a widely used year round drop off site for leaves, grass clippings and garden waste. The material collected is sent to a compost pile. The City also has a fall leaf collection program where city crews collect leaves via a vacuum process throughout the city.

The Municipal Service Center, which was built in 1999, contains many storm water pollution measures. Floor drains and other sources of contaminated water are discharged into the sanitary sewer. Oil dry is available to clean up spills.

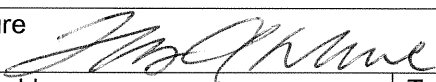
The City Parks Department does not regularly fertilize any turf in the park system. The Parks Department only applies fertilizer when reseeding or repairing damaged turf and when planting flowerbeds. Soil tests to determine site-specific nutrient application are only performed in problem areas.

The City intends to create a pollution prevention program that will meet the requirements of section 2.6 of the DNR general permit to discharge under the Wisconsin Pollutant Discharge Elimination System. The goals of the

pollution prevention program will include that the proposed pollution prevention program will be submitted to the DNR within 24 months of the start date of permit coverage.

Section VII: Certification

Certification: I hereby certify that I am an authorized representative of the municipality that is the subject of this application for general permit coverage, and that the information provided is true and complete, to the best of my knowledge. I understand that Wisconsin law provides severe penalties for submitting false information.

Authorized Representative Name Thomas A. Herre	Title City Manager	
Signature 	Date Signed 6/1/06	
E-mail address therre@ci.fond-du-lac.wi.us	Telephone Number (include area code) (920) 322-3405	Fax Number (include area code) (920) 322-3402

Return this completed form to:

Wisconsin Department of Natural Resources
Storm Water Program – WT/2
PO Box 7921
Madison, WI 53707-7921